

CLAIMS

1. Surgical implant, including a textile and a biocompatible polymeric composition, characterized in that the polymeric composition is water-soluble and has the aptitude to make the implant adhere, in a way that it can be repositioned onto tissues of the human organism only under the combined action of water molecules and compressive force.

2. Implant according to claim 1, characterized in that the biocompatible polymeric composition includes at least one adhesive pertaining to the group of adhesives sensitive to pressure (PSA: Press Sensitive Adhesives).

3. Implant according to any one of the claims 1 or 2, characterized in that the biocompatible polymeric composition is impregnated on at least one part of the implant.

4. Implant according to any one of the claims 1 or 2, characterized in that the adhesive biocompatible polymeric composition is coated on at least one of the surfaces of the implant.

5. Implant according to any one of the preceding claims, characterized in that the self-adhesive biocompatible polymeric composition is mixed with active pharmaceutical agents.

6. Implant according to any one of the preceding claims, characterized in that the polymeric composition includes polyvinylpyrrolidone (P.V.P.).

7. Implant according to any one of the preceding claims, characterized in that the polymeric composition includes a mixture of polyvinylpyrrolidone (P.V.P.) and polyethylene glycol (P.E.G.).

8. Implant according to any one of the claims 1-5, characterized in that the polymeric composition includes carboxymethylcellulose (C.M.C.).

9. Implant according to claim 8, characterized in that the polymeric composition includes carboxymethylcellulose (C.M.C.) mixed with polyethylene glycol (P.E.G.).

10. Implant according to one of the claims 1-5, characterized in that the self-adhesive biocompatible polymeric composition is a copolymer including monomers belonging to the acrylate and monomer family selected to give water solubility to self-adhesive biocompatible polymer.

11. Implant according to claim 10, characterized in that the acrylate monomer is selected from the group category of Octyl acrylate, 2-Ethylhexyl acrylate, Isooctyl acrylate, Isononyl acrylate, Hexyl acrylate, Butyl acrylate, and that the monomer selected to give water solubility to the self-adhesive polymer is selected from the group category of β -acryloyloxy propionic acid, acrylic acid, vinylphosphonic acid, methacrylic acid.

12. Implant according to one of the claims 10 and 11, characterized in that the self-adhesive polymeric composition includes moreover Hydroxyalkyl(meth)acrylate monomers.

13. Implant according to claim 12, characterized in that the hydroxyalkyl(meth)acrylate monomer is selected from the group category of: 2-hydroxyethyl acrylate, 2-hydroxypropyl. acrylate, 2-hydroxyethyl methacrylate, 2-hydroxypropyl methacrylate.